Index of Claims

| Application | 0 | n | Cc | ont | rol | No. |
|-------------|---|---|----|-----|-----|-----|
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09/977,502

Examiner

**Brian Goddard** 

Applicant(s)/Patent under Reexamination

BERKHEIMER, STEVEN E.

Art Unit

2161

| √ | Rejected |
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| = | Allowed  |

| - | (Through numeral)<br>Cancelled |
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| ÷ | Restricted                     |

| N | Non-Elected  |
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| ı | Interference |

| A | Appeal   |
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| Cla          | aim                                    |              |               |                                     | e  |  |  |  |  |   |  |
|--------------|--|--------------|---------------|-------------------------------------|--|--|--|--|--|---|--|
|              | 1 Original                             | <b>~</b>     |               |                                     | Date   |  |  |  |  |   |  |
| <del>-</del> | E                                      | g            |               | 1                                   |  |  | Ι.   |  |  | 1   |  |
| Final        | <u>.</u>                               | 12           | -             |                                     |  | l  |  |  | 1  |   |  |
| "-           | ក                                      | $\sim$       |               |                                     |  | 1  |  | ĺ  |  |   |  |
|              |  | 2            |               |                                     |  |  |  |  |  |   |  |
|              | 1                                      | 7            |               |                                     |  | П  |  |  |  |   |  |
|              | 2                                      | П            |               | Г                                   |  |  |  | T  | T  | İ   |  |
| <b>-</b>     | -                                      | Н            | -             | -                                   | ┼  | ├─   | ┼  | ╁  | ╁  | ╁   |  |
| <u> </u>     | 1<br>2<br>3<br>4<br>5                  | н            | $\vdash$      |                                     | ├-   | ╌  | ├  | ₩  | ⊢  | ╁   |  |
| <b> </b>     | 4                                      | +            | _             | $\vdash$                            | ⊢  | ├  | ┞  | ▙  | <b>⊢</b>   | ļ   |  |
|              | 5                                      | 1            |               |                                     | ┖  |  |  | _  | L_   | <u> </u>  |  |
|              | 6                                      | LŁ           |               |                                     |  |  |  |  |  |   |  |
|              | 6<br>7                                 | П            |               |                                     |  |  |  |  |  |   |  |
|              | 8                                      | $\Box$       |               |                                     |  |  |  |  |  |   |  |
|              | 9                                      | $\mathbf{H}$ | $\overline{}$ | _                                   | $\vdash$   | t  |  | $\vdash$   | t  | $\vdash$  |  |
|              | 9<br>10                                | H            |               | ╌                                   |  |  | <u> </u>   |  | -  | <del>  -</del>  |  |
|              | 10                                     | ╂            |               | -                                   |  | <del> </del>                                     | ₩  | ├  |  |   |  |
| L            | 11<br>12<br>13                         | 1            |               | <u> </u>                            | <b>—</b>   | ⊢  | ⊢  | <b>!</b>   | <b>!</b>   | <b> </b>  |  |
|              | 12                                     | Ш            |               | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |  | $oxed{oxed}$                                     | $oxed{oxed}$                                     |  | <u></u>  | _   |  |
|              | 13                                     | П            |               |                                     |  | 1  |  |  |  | _   |  |
|              | 14<br>15<br>16<br>17<br>18<br>19<br>20 | П            |               |                                     |  | Г  |  |  | T-   | Π   |  |
|              | 15                                     | 1            |               |                                     |  | <del>                                     </del> |  | $\vdash$   | <del>                                     </del> | $\vdash$  |  |
|              | 16                                     | - -          | <u> </u>      | $\vdash$                            | $\vdash$   | -  | -  | <del>                                     </del> | <del>                                     </del> | -   |  |
| <b></b>      | 10                                     | H            |               | $\vdash$                            | $\vdash$   | $\vdash$   | -  | -  | -  | <del>                                     </del>  |  |
|              | 1/                                     | Ш            | <u> </u>      |                                     | $oxed{oxed}$                                     | L  | _  | L  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              | <u> </u>  |  |
|              | 18                                     | Ш            |               |                                     | L  |  | L  |  |  |   |  |
|              | 19                                     |              |               |                                     |  |  |  |  |  |   |  |
|              | 20                                     | П            |               |                                     |  |  |  |  |  |   |  |
|              | 21                                     | Н            |               | $\vdash$                            |  |  | ┪  | 一  | ┰  | $\vdash$  |  |
|              | 33                                     | H            |               | $\vdash$                            | $\vdash$   | ├  |  | ├-   | ├  |   |  |
|              | 22<br>23<br>24                         | H            |               | <u> </u>                            | _  | _  |  | ļ  | <u> </u>   |   |  |
|              | 23                                     | Ш            |               | _                                   |  |  |  |  | L_   |   |  |
|              | 24                                     |              |               | l                                   |  |  |  |  |  |   |  |
|              | 25                                     |              |               |                                     |  |  |  |  |  | l .   |  |
|              | 26                                     |              |               |                                     |  |  |  |  |  |   |  |
|              | 27                                     | Н            | ·             | -                                   | $\vdash$   |  |  |  |  | -   |  |
|              | 26<br>27<br>28<br>29                   | V            |               | -                                   | -  |  |  | $\vdash$   | $\vdash$   | $\vdash$  |  |
|              | 20                                     | Y.           | _             | <u> </u>                            | -  | ├—   | ├—   |  | ⊢  | $\vdash$  |  |
|              |  | Ш            |               | <u> </u>                            | _  | ļ  | _  | <u> </u>   | _  |   |  |
|              | 30                                     |              |               |                                     |  |  |  |  |  |   |  |
|              | 31                                     |              |               |                                     |  |  |  |  |  |   |  |
|              | 32                                     | П            |               |                                     |  |  |  |  |  |   |  |
|              | 33                                     | Н            |               |                                     |  | Т  | $\vdash$   |  | Т  | $\vdash$  |  |
|              | 33<br>34                               | $\vdash$     |               | -                                   | $\vdash$   | $\vdash$   | <del> </del>                                     | -  | <del> </del>                                     |   |  |
| <b></b>      | 25                                     |              | _             |                                     | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | -   |  |
|              | 35                                     | Ш            |               | <u> </u>                            |  | <u> </u>  |  |
|              | 36                                     | Ш            |               | _                                   | <u></u>  | _  |  | _  | $oxed{oxed}$                                     | $ldsymbol{le}}}}}}$ |  |
|              | 37                                     |              |               | L                                   | L  | L  | L  | L  | L  | L   |  |
|              | 38                                     |              |               |                                     |  |  |  |  |  |   |  |
|              | 39                                     |              |               |                                     |  |  |  |  |  |   |  |
|              | 40                                     | $\vdash$     |               | -                                   | <del>                                     </del> | $\vdash$   | <del>                                     </del> | Ι  | $\vdash$   | -   |  |
|              |  | -            |               | -                                   | -  | <u> </u>   | <b></b>  | <del> </del>                                     | -  |   |  |
|              | 41                                     | $\vdash$     |               | -                                   | ļ  | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>   | ⊢-  |  |
|              | 42                                     | Ш            |               | _                                   | L  |  |  | <u> </u>   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              | $oxed{oxed}$  |  |
|              | 43                                     |              |               |                                     | L  |  | L  | L  |  |   |  |
|              | 44                                     |              |               |                                     |  |  |  | Γ_   |  |   |  |
|              | 45                                     | $\neg$       |               |                                     |  |  |  |  |  |   |  |
|              | 46                                     | $\vdash$     |               |                                     | -  | _  | _  | $\vdash$   | $\vdash$   | -   |  |
|              |  | $\vdash$     |               |                                     | $\vdash$   | -  | -  | <u> </u>   | $\vdash$   | $\vdash$  |  |
|              | 47                                     | $\vdash$     |               | _                                   | <u> </u>   | _  | $\vdash$   | <u> </u>   | <u> </u>   | <u> </u>  |  |
|              | 48                                     | Щ            |               | Щ.                                  |  |  |  | _  | <u>L</u> .                                       |   |  |
|              | 49                                     |              |               |                                     |  |  |  | L  | L.   |   |  |
|              | 50                                     |              |               |                                     |  |  |  |  |  |   |  |

| Cla       | aim      |         |          |                 |              | Dat      | <u>—</u>                                     |          |          | _        |
|-----------|----------|---------|----------|-----------------|--------------|----------|--|----------|----------|----------|
|           |          |         |          |                 |              |          |  |          |          |          |
| Final     | Original |         |          |                 |              |          |  |          |          |          |
|           | 51<br>52 |         |          |                 |              |          |  |          |          |          |
|           | 52       |         |          | П               | Г            |          |  |          |          |          |
| 1         | 53       |         |          | П               |              |          |  |          |          |          |
|           | 54       |         |          |                 |              |          |  | Г        |          |          |
|           | 55       |         |          |                 |              |          |  |          |          | Г        |
|           | 56       |         |          |                 |              |          |  |          |          | Г        |
|           | 57       |         |          |                 |              | L        |  |          |          |          |
|           | 58       |         |          |                 |              | L        |  |          |          |          |
|           | 59       |         | <u> </u> | L_              |              | L_       |  |          |          |          |
|           | 60       |         | L        | L               | _            | _        |  |          |          |          |
|           | 61       |         | _        | L               |              |          |  |          |          |          |
|           | 62<br>63 |         | L        |                 | _            |          | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          |          | _        |
| <u> </u>  | 63       | ļ       | <u> </u> | <u> </u>        | <u> </u>     | <u> </u> | <u> </u>                                     | _        | <u> </u> |          |
|           | 64       | L_      | <u> </u> | <u> </u>        | <u> </u>     | <u> </u> | <u> </u>                                     | <u> </u> | <u> </u> | <u> </u> |
|           | 65       | Щ.      | <u> </u> | <del> </del>    | <u> </u>     | <u> </u> | <u> </u>                                     | _        |          | <u> </u> |
|           | 66       |         |          | <u> </u>        |              |          | <u> </u>                                     | _        |          | _        |
| -         | 67       |         |          | L.              | _            | <u> </u> | _  | _        | <u> </u> |          |
|           | 68       |         |          | <u> </u>        | _            | _        |  | _        | _        |          |
|           | 69       |         |          | _               | <u> </u>     | ļ        | <u> </u>                                     |          | _        | _        |
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|           | 71       |         | _        | _               | _            | _        | -  |          | _        |          |
| $\vdash$  | 72       |         | <u> </u> | <u> </u>        |              |          | <u> </u>                                     |          | <u> </u> | <u> </u> |
|           | 73<br>74 |         |          | <del> </del>    | <del> </del> | -        | <u> </u>                                     |          | -        | _        |
| -         | 75       |         |          | -               | -            | -        | _  |          | -        | _        |
| -         | 76       |         | _        | -               | -            | _        | -  | H        | -        |          |
| -         | 76<br>77 |         |          |                 | $\vdash$     | ┝        | _  | $\vdash$ |          | -        |
|           | 78       | _       | _        | H               | -            | $\vdash$ | -  | $\vdash$ |          | $\vdash$ |
| -         | 79       | _       |          |                 | -            | $\vdash$ | <del> </del>                                 |          |          |          |
|           | 80       |         |          | $\vdash$        | _            | _        | $\vdash$                                     |          |          |          |
|           | 81       |         | _        |                 |              |          | $\vdash$                                     |          |          |          |
|           | 82       |         | _        | _               |              |          | $\vdash$                                     |          |          | _        |
|           | 83       | _       |          |                 | -            |          | $\vdash$                                     |          |          |          |
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|           | 89       |         |          |                 |              |          |  |          |          |          |
|           | 90       |         |          |                 |              |          |  |          |          |          |
|           | 91       |         |          |                 |              |          |  |          |          |          |
|           | 92       | ]       |          |                 |              |          |  |          |          |          |
| 1         | 93       |         |          |                 |              |          |  |          |          |          |
|           | 94       |         |          |                 |              |          |  |          |          |          |
|           | 95       |         |          |                 |              | Щ        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$          | L        |          | L        |
| $\square$ | 96       | $\perp$ |          | Ш               |              | L.       |  | Щ        |          |          |
|           | 97       |         | _        | Щ               |              |          |  | Щ        |          | Ш        |
|           | 98       | _       |          | $\vdash \vdash$ |              | <u> </u> | <u> </u>                                     | Щ        |          |          |
|           | 99       |         |          | Щ               |              | <u> </u> |  |          | _        | _        |
|           | 100      |         |          |                 |              |          |  | Щ        |          |          |

| Tell   |       |     |          |   |  |  |          |          |          |              |                 |
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| 108         109         110         111         112         113         114         115         116         117         118         119         120         121         122         123         124         125         126         127         128         129         130         131         132         133         134         135         136         137         138         139         140         141         142         143         144         145         146         147         148         149   |       | 106 | -        |   | <u> </u>   | -  | -        |          | -        | <u> </u>     | <del>   </del>  |
| 109   |       | 107 | $\vdash$ |   | ⊢  | ├-   |          |          |          | -            | $\vdash$        |
| 116         117         118         119         120         121         122         123         124         125         126         127         128         129         130         131         132         133         134         135         136         137         138         139         140         141         142         143         144         145         146         147         148         149   |       | 109 | $\vdash$ | -   | -  | -  |          |          | -        | $\vdash$     | H               |
| 116         117         118         119         120         121         122         123         124         125         126         127         128         129         130         131         132         133         134         135         136         137         138         139         140         141         142         143         144         145         146         147         148         149   |       | 110 |          |   | ┢  | <del>                                     </del> |          |          | · -      | <del> </del> | $\vdash$        |
| 116         117         118         119         120         121         122         123         124         125         126         127         128         129         130         131         132         133         134         135         136         137         138         139         140         141         142         143         144         145         146         147         148         149   |       | 111 |          |   |  |  |          |          |          |              |                 |
| 116         117         118         119         120         121         122         123         124         125         126         127         128         129         130         131         132         133         134         135         136         137         138         139         140         141         142         143         144         145         146         147         148         149   |       | 112 |          |   |  |  |          |          |          |              |                 |
| 116         117         118         119         120         121         122         123         124         125         126         127         128         129         130         131         132         133         134         135         136         137         138         139         140         141         142         143         144         145         146         147         148         149   |       | 113 |          |   |  |  |          |          |          |              |                 |
| 116         117         118         119         120         121         122         123         124         125         126         127         128         129         130         131         132         133         134         135         136         137         138         139         140         141         142         143         144         145         146         147         148         149   |       | 114 |          |   |  |  |          |          |          |              |                 |
| 117         118         119         120         121         122         123         124         125         126         127         128         129         130         131         132         133         134         135         136         137         138         139         140         141         142         143         144         145         146         147         148         149   |       | 115 |          |   | L  |  |          |          | _        | <u> </u>     | Ш               |
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| 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148   |       | 117 |          | <u> </u>  | <u> </u>   | <u> </u>   |          | <u> </u> |          | ļ            |                 |
| 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148   |       | 118 | _        | _   | _  |  |          |          |          | _            | Н               |
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| 128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   149   140 |       | 121 | ├-       | ├   | $\vdash$   |  | -        | -        | _        |              | $\vdash$        |
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| 128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   149   140 |       | 123 | -        | -   | ╁  | $\vdash$   |          |          | $\vdash$ |              | H               |
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| 128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   149   140 |       | 125 |          |   | _  |  |          |          |          |              |                 |
| 128   129   130   131   132   133   134   135   136   137   138   139   140   141   142   143   144   145   146   147   148   149   140 |       | 126 |          |   |  |  |          |          |          |              |                 |
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| 135<br>136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148  |       | 134 |          | $\vdash$  | -  | -  | -        |          |          |              | $\vdash$        |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148   |       | 135 |          | -   | <del>                                     </del> | H  | H        | _        |          |              | H               |
| 139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148<br>149   |       | 136 |          | $\vdash$  |  |  |          | -        |          |              | $\vdash$        |
| 139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148<br>149   |       | 137 |          |   |  |  |          |          |          |              |                 |
| 139<br>140<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148<br>149   |       | 138 |          |   |  |  |          |          |          |              |                 |
| 141 142 143 144 145 146 147 148 149 149   | ]     | 139 |          |   | L  |  |          |          |          |              |                 |
| 142<br>143<br>144<br>145<br>146<br>147<br>148   |       |     | _        | L   | <u> </u>   | <u> </u>   |          |          | _        |              | Ш               |
| 143   |       |     | ļ        | <u> </u>  | <u> </u>   | <u> </u>   | <u> </u> |          | Ш        | _            | $\sqcup$        |
| 144<br>145<br>146<br>147<br>148<br>149  |       |     | H        | <u> </u>  | -  | H  |          |          | $\vdash$ |              | $\vdash$        |
| 145<br>146<br>147<br>148<br>149   |       |     |          | _   | -  |  | -        |          | -        | -            | $\dashv$        |
| 146<br>147<br>148<br>149  |       |     | _        | _   |  | -  | H        |          |          | -            | $\vdash \vdash$ |
| 147<br>148<br>149   |       |     |          | -   | $\vdash$   | $\vdash$   | -        |          | $\vdash$ | _            | $\dashv$        |
| 148   |       | 147 |          |   | Ι-   |  | -        | _        | Н        |              | $\dashv$        |
| 149   |       |     |          |   |  | П  |          |          |          |              | $\dashv$        |
|   |       | 149 |          |   |  |  |          |          |          |              |                 |
|   |       | 150 |          |   |  |  |          |          |          |              |                 |